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AUSTRIA

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- Mathematical Logic
- Mathematical logic and foundations, Set theory
Secondary interests: Topological groups, Functional analysis, Operator theory, General topology, Quantum theory, Economics, operations research

BRAZIL

- Jair Minoro Abe**
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2) Institute For Advanced Studies, University of Sao Paulo Av. Prof. Luciano Gualberto, Travessa J, 374, terreo, Cidade Universitaria, 05508-900 - SAO PAULO, S.P. – BRAZIL FAX: 0055 11 30319563
- jairabe@uol.com.br
- Mathematical Logic, Algebraic Logic, Foundations of Mathematics
- Mathematical logic and foundations, ordered algebraic structures, non-classical logics
Order, lattices, ordered algebraic structures

CANADA

- János Acztel**
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- Functional Equations

(d) Functional equations and their applications, in particular to mathematical behavioral and social sciences, information and utility theory

(a) **Anthony To-Ming Lau**

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(c) harmonic analysis and functional analysis

(d) Abstract harmonic analysis, Functional analysis, Banach algebras, Fixed point theory

(a) **Michael Makkai**

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(c) Multivariate Analysis, Sequential Analysis, Quality Control

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(c) Infinite-dimensional topological groups, Dynamics of and harmonic analysis on such groups, Functional analysis, Asymptotic geometric analysis, Geometry of datasets.

(d) 22-xx, 43A, 46B,C,L, 54H, 68P10,15,20, 92C40.

(a) **Che Tat Ng**

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(c) Functional equations and their applications

(d) 39Bxx

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CHINA

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(c) Fuzzy Theory and its Application, Functional Analysis

(d) 46

CZECH REPUBLIC

(a) **Milan Vlach**

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(c) Game theory, Fair division, Optimization

(d) 91 Game theory, economics, social and behavioral sciences;

90 Operations research, mathematical programming
06 Order, lattices, ordered algebraic structures

(a) **Vera Trnková**

- (b) Mathematical Institute of Charles University, 186 75 Praha 8, Sokolovska 83, Czech Republik
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- (c) Universal algebra, Category theory, General topology
- (d) category theory, universal algebra, general topology

(a) **Vaclav Koubek**

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- (b') koubek@ktiml.ms.mff.cuni.cz
- (c) Theory of lattices. Theory of semigroups. Theory of graphs and their complexity. Complexity theory. Universal algebra
- (d) Homomorphisms, Endomorphisms and isomorphisms in varieties of semigroups, Lattices and algebras over distributive lattices, Properties of varieties and quasivarieties properties of hypercubes

FINLAND

(a) **Arto Salomaa**

- (b) Jaanintie 34 A 26, 20540 Turku, Finland
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- (c) Formal languages, automata, computability, cryptography
- (d) Theory of automata, Formal languages, Cryptography, Cryptographic protocols, Combinatorics on words, Computability theory, Recursive functions, DNA-based computing, Algorithmic information theory

GERMANY

(a) **Klaus Denecke**

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- (c) General Algebra, Discrete Mathematics, Multiple-valued Logic, Ordered Sets and Lattices, Theory of Semigroups
- (d) Mathematical logic and foundations, Order, lattices, ordered algebraic structures, General algebraic systems, Group theory and generalizations

(a) **Wilhelm Klingenberg**

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- (c) Riemannian Geometry, Differential Geometry, Analysis on manifolds, Calculus of Variations (in decreasing order of competence)
- (d) Differential geometry, Global analysis, analysis on manifolds, Calculus of variations and optimal control; optimization, Geometry

(a) **Gerhard Preuss**

- (b) Freie Universität Berlin, FB Mathematik, Institut fuer Mathematik, Arnimallee 3, 14195 Berlin, Germany
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- (c) (1)Categorical Methods in Topology, (2)Convenient Topology, (3)General Topology
- (d) (1)Topological categories, reflections, (2)Semiuniform convergence spaces (and their invariants) (3)Topological spaces and generalizations, convergence (general theory) and limits, proximity structures and generalizations, uniform spaces and generalizations, nearness spaces

(a) **Ulrich Hoehle**

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(c) Many valued logic, quantales, many valued topology.
(d) Many valued logic (03B50), quantales (06F07), many valued topology (= fuzzy topology 54A40), Topological linear spaces (46A).

GREECE

(a) **Anastasios Mallios**

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(c) Topological algebra theory, in principle, NOT normed algebras or Banach algebras and the like. Differential Geometry; in particular, infinite-dimensional, and Global Analysis, especially, Differential spaces (58A40), Applications of the above in Physics (53C80)
(d) 46: H05, H15, H20, J05, K05, K10, L80(K-Theory of topological algebras), M05 (Tensor products of topological algebras), N50 (Applications of topological algebras in quantum physics), 58A40, 53C80, 53B50, 53D50, 70H40, 81S10, 81T05

(a) **Maria Fragouloupoulou**

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(c) Non-normed Topological Algebras, Topological Algebras with an Involution, Unbounded Operator Theory, Tensor products of Topological Algebras and Topological *-Algebras.
(d) 46H15, 46H20, 46H25, 46H30, 46H35, 46H40, 46J05, 46J10, 46J15, 46J25, 46J40, 46K05, 46K10, 46L57, 46L60, 47L60, 47L90, 46A32, 47A12
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HUNGARY

(a) **Pal Dömösi**

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(c) Theoretical Computer Science, Algebra
(d) Theory of automata and formal languages
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(a) **Kálmán Györy**

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(c) Number Theory (mainly Diophantine and Algebraic Number Theory)
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(c) The algebraic theory of semigroups, Generalized inverses of matrices, Moore-Penrose inverses, von Neumann regular rings, Ideal theory of rings, Fibonacci numbers, elementary number theory

(a) **Gyula Maksa**

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- (c) Functional equations
- (d) Functional equations and their applications, in particular to information theory
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INDIA

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- (c) Bayesian Inference, Directional Data - Inference and Analysis, Distribution Theory, Environmental Statistics, Multivariate Analysis, Reliability, Spatial Data Analysis, Statistical Inference - univariate and multivariate
- (d) As in (c)
- (e) I will accept both hard copies and electronic files, but will prefer to the latter for faster processing.

ISRAEL

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- (c) Approximation Theory, Computer Added Geometric Design, Summability
- (d) Shape preserving approximation, Widths, Wavelets, Image processing

ITALY

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- (c) Abstract evolution equations
- (d) Evolution equations, Control theory for abstract differential equations and PDE.

(a) **Luigi M. Ricciardi**

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- (c) Mathematical Models in Biology, Applications of Probability and Stochastic Processes
- (d) Special processes, Markov processes, Mathematical biology in general

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- (c) Functional analysis, partial differential equations, differential equations in abstract spaces.
- (d) Partial differential equations of elliptic type (35JXX), Parabolic equations and systems (35KXX), Differential equations in abstract spaces (34JXX).
- (e) Electronic files only

(a) **Tonia Ricciardi**

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- (c) Nonlinear elliptic partial differential equations
- (d) Blow-up analysis for nonlinear elliptic equations, variational methods, Sobolev-type inequalities on manifolds.
- (a) **Gian-Luigi Forti**
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- (c) Functional equations, Iteration, Discrete dynamical systems
- (d) 39Bxx, 37Axx, 37Bxx, 37Cxx, 37Dxx, 37Exx, 37Fxx, 26-xx.
- (e) Electronic files only

NETHERLANDS

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- (d) Molecular computing, Formal languages, Concurrency theory (Petri nets)
- (e) Electronic files only

POLAND

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- (c) Function spaces theory and abstract Banach spaces theory
- (d) 46(A45, A80, E30, B20, B25, B40, B42, B04), 26(A45)
- (a) **Tomasz Kubiak**
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- (c) Fuzzy-set topology, General topology (in particular, insertion and extension of functions), Pointfree topology, Frames, and Locales (06D22), Lattices
- (d) General topology, Order, lattices, ordered algebraic structures
- (a) **Julian Musielak**
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- (c) Real Functions: Sequences, Series, Summability: Approximation; Fourier Analysis; Functional Analysis
- (d) 20 A, B, D, E, 40 A-D, F, G, 41, 42, 46A-F
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- (c) Functional Analysis, Mathematical Optimization
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- (c) Applied Probability
- (d) Optimal stopping theory; game theory; applied probability; Secondary interest: operations research; applied and mathematical statistics; optimal stochastic control;
- (e) I can accept the electronic files only.

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- (c) Nonsmooth Analysis (this is my main field of research), Nonlinear Programming (convex, nonconvex), Risk Theory (optimal risk transfer), Maximal Monotonicity (with respect to duality)
- (d) 49J52, 49J53, 49J40, 49K27, 49K35, 47H05, 90C25, 90C26, 90C29, 90C30, 90C47, 91B16, 91B30

(a) **Piotr Multarzyński**

- (b) Faculty of Mathematics and Information Science, Warsaw University of Technology, PL. Politechniki 1, 00-661 Warsaw, Poland
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- (c) Algebraic approach to smooth manifolds and their generalizations; Sikorski and Froelicher differential (or smooth) spaces; Algebraic analysis (calculus of right invertible operators); Difference algebra; Difference operators; Discrete version of topics in analysis and differential geometry;
- (d) Algebraic approach to differential geometry; Discrete differential geometry; 12H10, 39A12, 39A70, 47B39
- (e) Electronic files only

ROMANIA

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- (c) Fixed Point Theory
- (d) Fixed point theory and its applications, in particular Ordinary Differential Equations, Partial Differential Equations and Integral Equations

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- (c) Fixed Point Theory, iterative approximation of fixed points
- (d) 47H10; 47H09; 54H25; 55M20
- (e) Electronic files only

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- (c) Nonlinear Analysis
- (d) Fixed Point Theory, Multivalued Analysis, Ordinary Differential Equations and Inclusions, Integral Equations and Inclusions.
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RUSSIA

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- (c) Descriptive Set Theory, Nonstandard Analysis
- (d) Mathematical logic and foundations

(a) **Semen S. Kutateladze**

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- (d) Functional Analysis, Operator Theory, Convex and Discrete Geometry, Economics, operations research, programming, games, Set theory

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- (d) Optimal stopping theory, Game theory, Stochastic Dynamic Programming, Networking games.

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- (c) Low-dimensional topology, Knot theory, Hyperbolic manifolds and orbifolds.
- (d) 57M12, 57M25, 57M27, 57M50, 57M60

SOUTH AFRICA

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- (c) Enumerative combinatorics, Categorical methods in topology, Set theoretic topology.
- (d) Enumerative combinatorics, Path enumeration, Categorical methods in topology, Set theoretic topology, Cardinal invariants, Elementary submodels
- (e) Electronic files only

SPAIN

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- (c) Functional Analysis, Topological Vector Spaces, Barrelledness Properties, Baire-like Spaces, Continuous Function Spaces, Wavelets
- (d) Functional Analysis, Topological Vector Spaces, Fuzzy Sets, Wavelets

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- (c) Functional Analysis
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- (a) **Salvador Hernandez**
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- (c) Topological groups, Spaces of continuous functions, Operators defined between spaces of continuous functions, General topology.
- (d) Topological groups, Spaces of continuous functions, General topology, functional analysis, Abstract harmonic analysis.

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- (c) Topological Algebra, Abstract Harmonic Analysis, General Topology.
- (d) Topological groups, representations of topological groups, duality in topological groups, totally bounded (pseudocompact, countably compact ...) topological groups.
22Axx, 22Bxx, 22C05, 22Dxx, 43A05, 43A07, 43A22, 43A25, 43A30, 43A35, 43A46, 43A60, 54H11
- (e) Electronic files only

- (a) **Javier Gutierrez Garcia**
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- (c) Lattice-valued topology, General topology (in particular, insertion and extension of functions), Pointfree topology
- (d) 54A40, 54D15, 06D22
- (e) Electronic files preferred.

UNITED KINGDOM

- (a) **Philip D. Welch**
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- (c) Mathematical logic, Set theory
- (d) Mathematical logic, Set theory 03, 04

UNITED STATES OF AMERICA

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- (c) Mathematical logic, set theory, category theory
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- (e) Electronic files only

- (a) **Steven J. Brams**
- (b) Dept. of Politics, New York University, 19 West 4th St., 2nd Fl., New York, NY 10012 USA
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- (c) Social choice, Voting, Game theoretic models, fair-division models
- (d) Social choice, Voting, Game theoretic models, fair-division models

(a) **W. Wistar Comfort**

- (b) Department of Mathematics, Wesleyan University, Wesleyan Station, Middletown, CT USA 06459
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- (c) Topological theory of topological groups, General (set-theoretic) topology
- (d) 22Axx, 54A25, 54H11, 54G11

(a) **John B Conway**

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- (c) Functional Analysis and Operator Theory
- (d) Banach spaces and functional analysis, Operator Theory, special classes of operators.

(a) **J. Donald Monk**

- (b) Mathematics Department, Univ. of Colorado, Boulder, Colorado, USA, 80309-0395
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- (c) Set-theoretic aspects of the theory of Boolean algebras
- (d) 06Exx

(a) **Pranab K. Sen**

- (b) Department of Biostatistics and Statistics, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-7400, USA
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- (c) Statistical Inference including multivariate and sequential analysis, nonparametrics and semiparametrics
- (d) 62E, 62F, 62G, 62H, 62J, 62L, 62M, 62N, 62P10-P25

(a) **Togo Nishiura**

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- (c) Real Functions, Dimension Theory,
- (d) Real functions, Classical measure theory, General topology - dimension theory.

(a) **Alexander V. Arhangel'skii**

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- (c) General topology, Topological algebra, (including Topological groups), Topological Function Spaces.
Secondary: Set theory, Functional Analysis.

(a) **Paul Cull**

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- (c) Difference Equations and Dynamical Systems, Computer Science (Theory, Algorithms, Networks), Mathematical Biology (Population Models, Neural Nets)
- (d) Difference Equations and Dynamical Systems (39, 37), Computer Science (68M, 68Q, 68R, 68W), Mathematical Biology (92D, 92B)

(a) **Charles Eugene Smith**

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- (d) 92-xx, 62-xx, 60-xx, 37-xx
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JAPAN

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- (d) Traditional subjects of mathematical logic, computability in analysis, applications of logic to knowledge

- (a) **Kiyoshi Iseki**
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- (d) Model Theory, Set-theoretic Analysis

- (a) **Teruo Imaoka**
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- (d) 20Mxx

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